

Bacteria Report - Total Enterococcus All data 4/07/2014 - 8/15/2014

University of Delaware Citizen Monitoring Program

Total Enterococcus (TE) are a group of bacteria that are normally found in the guts and feces of warm-blooded animals (mammals and birds). The EPA and the State of Delaware use TE as the best, easily-measured bacterial indicator of the risk of acquiring gastroenteritis from swimming in fecal contaminated water.

<u>Water Body</u>	<u>Site</u>	<u>Last Sample Date</u>	<u>Time</u>	<u>Last Sample (Colonies per 100 mL)</u>	<u>Geometric mean, April 1 to present (Colonies per 100 mL)</u>	<u># of Samples, April 1 to Present</u>
Fresh water sites ----- Standards for Swimming ----- 185 ----- 100 -----						
Broadkill River						
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/6/2014	11:08	5	9	8
<u>Ingram Branch</u>	BR06: Ingram Ditch at the intersection of Rds 212 and 231.	7/23/2014	11:12	3,255	655	7
<u>Ingram Branch</u>	BR10: Ingram Branch at Rt 319	8/6/2014	10:46	278	759	8
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/23/2014	10:30	12,997	588	6
Dirickson Pond						
	LA38: The Hamlet at Dirickson Pond	8/5/2014	7:45	5	8	8
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/4/2014	7:52	959	183	7
Tidal water sites----- Standards for Swimming -----104 ----- 35 -----						
Assawoman Bay						
	AB01: Bayside Point Pier	8/5/2014	8:20	5	6	6
Broadkill River						
	BR01: Broadkill river @ PEL dock.	8/6/2014	8:50	10	6	8
	BR20: Broadkill River at Milton tidal pond	8/6/2014	6:30	52	120	8
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/6/2014	12:05	218	237	8
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/6/2014	11:42	98	241	7
Delaware Bay						
	DB01: End of Cape Shores pier	8/5/2014	9:07	5	8	10
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/5/2014	6:33	5	5	8
Indian River						
	IR24: Iron Branch - County road 331 at bridge	8/4/2014	10:04	345	599	8
<u>Indian River</u>	IR04: Warwick Cove	8/4/2014	10:28	20	15	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/4/2014	11:00	20	13	8
<u>Indian River</u>	IR20: Bay Colony	8/4/2014	7:55	10	12	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/4/2014	7:30	41	42	8
<u>Vines Creek</u>	IR38: Vines Lane	8/5/2014	7:30	63	17	8
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8/4/2014	8:52	627	31	8

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Water Body		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean, April 1 to present (Colonies per 100 mL)	# of Samples, April 1 to Present
Tributary	Site					
Tidal water sites----- Standards for Swimming -----104 ----- 35 -----						
Little Assawoman Bay						
	LA46: Fenwick Island Tide Gauge	8/5/2014	8:45	5	9	8
	LA48: W. Georgetown St. Canal – Fenwick	8/5/2014	7:01	5	23	8
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	8/4/2014	7:15	2,909	514	8
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/4/2014	7:32	324	15	8
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/4/2014	8:00	4,611	221	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/5/2014	7:50	8,164	471	8
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/5/2014	7:45	86	257	8
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/5/2014	7:42	20	73	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/5/2014	7:22	20	13	8
Rehoboth Bay						
	RB07: West Bay Park	8/5/2014	8:45	5	6	8
<u>Guinea Creek</u>	RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/4/2014	11:25	598	25	8
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/4/2014	8:30	1,354	234	8
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/4/2014	7:40	798	353	7
<u>Herring Creek</u>	RB90: Burton Prong	8/4/2014	9:00	426	Insufficient data	2
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/4/2014	8:35	262	109	8
<u>Love Creek</u>	RB34B: Love Creek at Rt 24 bridge by boat	7/28/2014	9:35	272	Insufficient data	1
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	7/21/2014	8:47	187	Insufficient data	1
<u>Love Creek</u>	RB80B: Upper Love Creek at Webb Landing by boat	7/28/2014	8:54	341	Insufficient data	1
<u>Love Creek</u>	RB81: Bundicks Branch at Beaverdam Rd	7/28/2014	11:45	1,169	Insufficient data	2
<u>Love Creek</u>	RB82: Goslee Creek at Jimtown Rd	7/28/2014	12:00	1,145	Insufficient data	2
<u>Love Creek</u>	RB83: Love Creek at Robinsonville Rd	7/28/2014	12:18	185	Insufficient data	2
<u>Love Creek</u>	RB84B: Upper reach of Hetty Fisher Glade	7/28/2014	9:58	932	Insufficient data	1
<u>Love Creek</u>	RB85B: Mouth of Stillman Glade	7/28/2014	9:23	529	Insufficient data	1
<u>Love Creek</u>	RB86B: Mouth of Hetty Fisher Glade	7/28/2014	9:09	880	Insufficient data	1
<u>Love Creek</u>	RB87B: Upper Love Creek, Upstream of Webb Landing	7/28/2014	8:40	450	Insufficient data	1
<u>Love Creek</u>	RB88B: Upper Love Creek, just below marsh area	7/28/2014	8:24	145	Insufficient data	1

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